

CLIMATOLOGICAL TABLE

STATION Madras (Kilometres) LAT. 13° 00' N. LONG. 80° 11' E. HEIGHT ABOVE M. S. L. 16 METRES. BASED ON OBSERVATIONS FROM 1931 TO 1960.

MONTH	STATION LEVEL PRESSURE mb	AIR TEMPERATURE							HUMIDITY	CLOUD AMOUNT	RAINFALL							MEAN WIND SPEED Km.p.h.							
		MEAN (OF)			EXTREMES						DATE AND HIGHEST YEAR			DATE AND LOWEST YEAR			RELATIVE HUMIDITY %	VAPOUR PRESSURE mb	ALL CLOUDS	LOW CLOUDS	MONTHLY TOTAL No. OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	
		DRY BULB MAX	DAILY MAX	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	DAILY MIN	IN THE MONTH	HIGHEST YEAR	LOWEST YEAR	DATE AND HIGHEST YEAR	DATE AND LOWEST YEAR														
	mb	°C	t	t	t	t	t	°C	°C	%	mb	Days of dry	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		
JANUARY	I	1013.6	23.5	21.3	26.8	20.3	30.3	18.1	32.0	31	13.9	29	83	23.6	3.6	1.9	25.0	1.4	244.1	0	212.9	15	9.0		
	II	1010.5	26.2	21.9	—	—	—	—	1894	—	—	1905	67	22.9	3.4	1.7	—	—	1915	—	—	1915	—		
FEBRUARY	I	1012.2	24.7	22.1	30.6	21.1	32.7	18.3	36.7	18	15.0	12	60	24.4	3.0	1.3	6.3	0.6	162.8	0	123.2	5	9.2		
	II	1009.0	27.5	22.5	—	—	—	—	1927	—	—	1934	63	23.2	2.5	0.8	—	—	1929	—	—	1909	—		
MARCH	I	1010.6	27.1	23.8	32.7	25.1	35.1	20.0	40.6	29	16.7	9	77	26.9	2.7	1.4	15.1	0.7	262.6	0	88.1	5	10.2		
	II	1007.1	29.4	24.3	—	—	—	—	1953	—	—	1956	64	26.2	1.9	0.4	—	—	1944	—	—	1944	—		
APRIL	I	1008.4	29.9	25.9	34.9	26.0	38.0	23.0	42.8	27	20.0	3	72	29.9	4.2	2.1	24.7	1.2	191.0	0	96.3	2	10.5		
	II	1004.3	31.0	26.4	—	—	—	—	1908	—	—	1939	68	30.6	3.1	0.4	—	—	1909	—	—	1945	—		
MAY	I	1004.5	31.5	25.9	37.6	27.8	41.2	24.6	45.0	21	21.1	14	63	29.0	4.5	1.1	51.7	1.5	389.4	0	214.9	17	13.0		
	II	1000.9	32.4	27.2	—	—	—	—	1910	—	—	1886	66	32.0	4.4	1.0	—	—	1952	—	—	1943	—		
JUNE	I	1003.5	31.0	24.4	37.3	27.5	40.3	23.9	43.3	3	20.6	16	59	25.4	5.8	0.5	52.6	4.0	194.8	3.3	59.2	27	16.4		
	II	999.9	32.8	26.3	—	—	—	—	1948	—	—	1909	59	28.5	6.4	2.7	—	—	1886	—	1913	—	1951		
JULY	I	1002.2	29.3	24.1	35.2	26.3	37.8	23.2	41.1	4	21.7	9	65	26.2	6.6	0.8	83.5	6.5	265.7	15.0	116.3	28	14.6		
	II	1000.7	31.5	25.5	—	—	—	—	1915	—	—	1947	61	27.7	7.1	3.0	—	—	1954	—	1885	—	1910		
AUGUST	I	1004.9	26.8	24.3	34.5	25.8	37.1	22.7	40.0	5	20.6	22	69	26.9	6.1	0.7	124.3	8.4	336.3	18.3	91.7	28	13.6		
	II	1001.1	31.1	25.6	—	—	—	—	1918	—	—	1935	64	28.4	6.2	2.8	—	—	1894	—	1913	—	1950		
SEPTEMBER	I	1006.3	28.6	24.5	33.9	25.4	36.3	22.8	38.9	19	20.6	15	73	27.8	5.0	1.1	118.0	7.3	279.7	11.9	100.3	18	11.1		
	II	1002.4	30.3	25.8	—	—	—	—	1883	—	—	1884	69	29.7	5.8	2.1	—	—	1897	—	1920	—	1881		
OCTOBER	I	1008.5	27.6	24.7	31.8	24.4	35.1	21.9	39.4	1	16.7	28	81	29.1	5.3	1.7	267.0	10.0	891.8	11.2	233.7	31	9.2		
	II	1005.3	28.6	25.3	—	—	—	—	1920	—	—	1889	76	29.5	5.6	1.9	—	—	1943	—	1918	—	1868		
NOVEMBER	I	1010.9	25.7	25.5	29.2	22.5	31.9	19.5	34.4	10	15.0	26	83	27.2	5.9	2.5	308.7	9.8	1088.4	5.1	236.2	16	11.7		
	II	1008.1	26.6	23.5	—	—	—	—	1952	—	—	1901	76	26.4	5.4	2.3	—	—	1918	—	1904	—	1922		
DECEMBER	I	1012.9	24.1	22.0	28.2	21.0	29.7	18.4	32.8	5	13.9	11	84	24.5	4.6	2.5	139.1	5.1	699.3	0.3	261.6	10	12.6		
	II	1010.0	25.7	22.1	—	—	—	—	1909	—	—	1895	71	23.5	5.7	2.4	—	—	1946	—	1920	—	1901		
ANNUAL TOTAL OR MEAN	I	1006.4	27.7	23.9	32.9	24.3	41.5	17.5	45.0	13.9	—	—	74	26.7	8	1.5	1215.3	56.6	2134.9	522.2	261.6	—	11.8		
	II	1004.9	29.4	24.7	—	—	—	—	—	—	—	—	67	27.4	7	1.8	—	—	1943	—	1904	—	—	30	
NUMBER OF YEARS	I	30	30	30	30	30	30	30	80	80	—	—	30	30	30	20	30	30	80	80	80	80	30		
	II	28	10	10	—	—	—	—	—	—	—	—	10	10	28	20	—	—	—	—	—	—	—		

STATION Madras (Minimballoons) contd.

MONTH	WEATHER PHENOMENA*		WIND								CLOUD						VISIBILITY*																				
			NR OF DAYS WITH		PERCENTAGE NR OF DAYS OF WIND FROM								NR OF DAYS WITH CLOUD AMOUNT (ALL CLOUDS) OKTAS			NR OF DAYS WITH LOW CLOUD AMOUNT OKTAS			NR OF DAYS WITH VISIBILITY																		
	PRECIP-TATION 0.5 mm OR MORE	THUN. DER	DUST MORE 2D-61	STORM	SQUALL	0	N	NE	E	SE	S	SW	W	NW	CALM	0	T-2	3-5	6-7	8	0	T-2	3-5	6-7	8	FOG UP TO 1 km.	1-4 km.	4-10 km.	10-20 km.	OVER 20 km.							
JANUARY	I	3	0	0.2	0.8	0	0.1	0	4	27	0	18	16	8	2	0	2	12	40	2	3	10	6	7	3	6	17	7	1	0	0	0.1	2	7	15	7	
	II	0	9	22	0	0	0	19	57	27	7	0	0	0	0	0	3	12	7	6	3	5	17	8	1	0	0	0	0	0	0	0	0.7	12	18		
FEBRUARY	I	1.4	0	0.3	0.7	0	0	0	1	26	1	7	5	9	6	4	12	26	28	3	5	10	6	3	2	10	14	3	1	0	0	0.1	1.5	10	12	5	
	II	0	6	22	0	0	0	1	26	37	32	4	0	0	0	0	0	7	10	5	5	1	14	11	2	1	0	0	0	0	0	0	0.3	10	18		
MARCH	I	1.0	0	0.7	0.3	0	0.3	0	1	29	1	3	2	4	66	18	28	26	11	2	6	12	7	5	1	9	16	5	1	0	0	0	0	1.0	7	15	8
	II	0	10	21	0	0	0	5	27	57	10	0	0	0	0	1	12	10	4	4	1	20	10	1	0	0	0	0	0	0	0	0.1	1.8	9	20		
APRIL	I	1.7	0	2	0.1	0	0.6	0	4	25	1	1	1	2	10	36	35	9	4	2	2	8	9	9	2	5	14	9	2	0	0	0	0.2	1.7	12	16	
	II	0	13	17	0	0	1	13	70	15	1	0	0	0	0	0	6	10	6	6	2	17	12	1	0	0	0	0	0	0	0	0.1	1.8	9	21		
MAY	I	3	0	3	0	0.2	1.2	0	9	22	0	2	2	1	6	34	33	18	3	1	2	7	8	9	5	16	9	5	1	0	0	0	0.3	1.4	10	19	
	II	0	16	15	0	1	2	7	61	24	3	1	1	0	0	2	9	6	8	6	12	15	3	1	0	0	0	0.1	0.5	0.6	10	20					
JUNE	I	9	0	3	0	0.1	1.0	0	14	16	0	0	0	0	1	5	35	53	5	1	0	4	5	11	10	23	6	1	0	0	0	0	0	0.9	9	20	
	II	0	13	17	0	1	1	8	45	22	8	11	4	0	0	0	2	4	11	13	2	14	9	4	1	0	0	0	0	0.2	1.0	10	19				
JULY	I	14	0	5	0	0	3	0	9	22	0	0	0	0	1	5	36	52	5	1	0	2	4	10	15	20	8	3	0	0	0	0	0.2	1.4	10	19	
	II	0	11	20	0	1	2	7	39	15	13	19	4	0	0	0	2	4	11	13	2	14	9	4	1	0	0	0	0	0.2	1.4	10	19				
AUGUST	I	15	0	7	0	0	1.5	0	7	24	0	1	0	0	1	6	37	49	5	1	0	4	5	10	12	19	3	0	0	0	0	0.3	1.2	9	20		
	II	0	9	22	0	2	2	11	42	15	9	13	5	1	0	2	4	11	14	3	14	10	4	0	0	0	0.1	1.4	9	20							
SEPTEMBER	I	11	0	8	0	0	1.2	0	6	24	0	1	0	0	1	6	37	46	8	1	0	5	5	11	9	15	11	3	1	0	0	0	0.3	1.5	10	18	
	II	0	6	24	0	1	2	17	43	11	8	10	6	2	0	5	4	10	11	3	17	7	3	0	0	0	0.1	0.9	9	20							
OCTOBER	I	14	0	9	0.4	0	1.5	0	3	27	1	8	2	3	1	5	21	31	25	4	1	6	6	10	8	8	14	7	2	0	0	0.8	3	13	14		
	II	0	6	24	1	11	22	24	24	6	3	3	6	1	1	5	4	11	10	4	19	6	2	0	0	0	0.7	1.6	11	18							
NOVEMBER	I	11	0	3	0.1	0	0.6	0	6	23	1	24	16	8	3	1	2	11	34	1	1	6	6	9	8	5	13	8	3	1	0	0.2	1.6	4	13	11	
	II	0	11	19	0	29	45	11	7	1	0	1	3	1	1	6	5	8	10	4	14	9	2	1	0	0.1	0.9	3	11	15							
DECEMBER	I	7	0	0.5	0.4	0	0.1	0	7	24	0	29	18	5	1	0	0	5	42	0	1	8	7	9	6	4	15	7	4	1	0	0.1	1.5	6	15	9	
	II	0	14	17	0	30	53	13	1	0	0	0	3	0	1	8	6	9	7	4	15	10	2	0	0	0	0.6	1.9	13	16							
ANNUAL	I	91	0	44	3	0.3	11	0	71	289	5	8	5	3	3	10	23	28	18	2	21	82	76	105	81	140	146	61	16	2	0	0.5	10	46	145	164	
	II	0	124	240	1	7	18	17	36	10	4	5	3	0	33	80	58	98	96	0	90	172	77	24	2	0	0.2	3	15	122	225						
AVER.	I	21		25		25		28		28		28		28		28		28		28		20		20		20		28		28		28					
	II	21		25		25		28		28		28		28		28		28		28		20		20		20		28		28		28					

* NR OF DAYS 2 AND ABOVE ARE GIVEN IN WHOLE NUMBERS.